

Amendments to the Abstract

Please amend the original abstract (page 105) as follows.

ABSTRACT

~~The present invention relates to an~~ An acid gas scrubbing apparatus and method ~~in which brings a gas, to be scrubbed, containing carbon dioxide is brought into contact with a gas scrubbing liquid containing alkaline agent and cooled, and acid gases in the gas are removed. The present invention comprises a~~ A gas scrubber removes (A) for removing acid gases in a gas, to be scrubbed, containing carbon dioxide by bringing the gas to be scrubbed into contact with a gas scrubbing liquid containing alkaline agent, a A scrubbing liquid regenerator (B) for regenerating regenerates and cools-cooling the gas scrubbing liquid (40) by bringing the gas scrubbing liquid into contact with a regenerating gas (35b) having components different from the gas scrubbing liquid and the gas (30) to be scrubbed, and A circulating means device is provided between the gas scrubber (A) and the scrubbing liquid regenerator (B) for circulating the scrubbing liquid.